Affinity Biosciences
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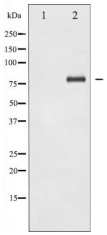
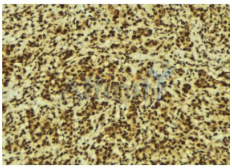
Acetyl-NF-kappaB p65 (Lys310) Ab

Cat.#: AF1017	Concn.: 1mg/ml	Mol.Wt.: 65 KD
Size: 100ul,200ul	Source: Rabbit	Clonality: Polyclonal

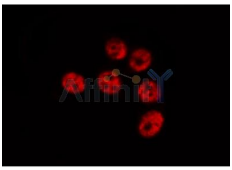
Application:	WB: 1:500~1:2000 IHC: 1:50~1:200 IF 1:200
Reactivity:	Human,Mouse,Rat
Purification:	affinity purification.
Specificity:	Acetyl-NF-kappaB p65 (Lys310) Ab detects endogenous levels of total NF-kappaB p65 protein only when acetylated at lysine310.
Immunogen:	The antiserum was produced against synthesized peptide derived from human NF-kappaB p65 around the acetylated site of Lys310.
Uniprot:	Q04206
Description:	NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processed such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis.
Subcellular Location:	Nucleus. Cytoplasm. Nuclear, but also found in the cytoplasm in an inactive form complexed to an inhibitor (I-kappa-B). Colocalized with RELA in the nucleus upon TNF-alpha induction.
Similarity:	the 9aaTAD motif is a transactivation domain present in a large number of yeast and animal transcription factors.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide.



Western blot analysis of extracts from HeLa cells, treated with TSA 40nM 24h, using Acetyl-NF-kappaB p65 (Lys310) Ab. The lane on the left is treated with the synthesized peptide.



AF1017 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF1017 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

AF1017 staining 293T cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab(Cat.# S0006), diluted at 1/600, was used as secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.